

New beta-keto-alcohol derivatives

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Abstract of DE19701758

beta -Ketoalcohol derivatives of formula $G<1>C(R<1>)(R<1>)CH(OM)C(R<2>)(R<2>)G<2>$ (III) are new. $G<1> =$ COO-alkyl, COO-aryl, COO-cycloalkyl, CO₂M, CO₂PG, CONHn(PG)₂-n, CON(alkyl)₂, COR<2>, COR*, CN, COO-spacer-polymer or CONH-spacer-polymer; $G<2> =$ COO-alkyl, COO-aryl, COO-cycloalkyl, CO₂M, CO₂PG, CONHn(PG)₂-n, CON(alkyl)₂, COR<2>, COR*, CN, COO-spacer-polymer, CONH-spacer-polymer, CH₂OR<2>, CH₂O(PG), CH(OR<2>)₂, CH(O-PG)₂ or CH=N-PG; $R<1> =$ H, F, alkyl, vinyl, cycloalkyl, O-alkyl, Cn'F₃-n', oxacycloalkyl, spirocycloalkyl or oxaspirocycloalkyl; $R<2> =$ H, alkyl, vinyl, aryl, CnF₃-n, cycloalkyl, O-alkyl, oxacycloalkyl, spirocycloalkyl or oxaspirocycloalkyl; $R<3> =$ H, X, w-nerol, geraniol, nerylacetone, geranylacetone or their derivatives; M = metal cation, H or non-metallic cation; R* = chiral auxiliary; X = halo or leaving group; alkyl = 1-7C alkyl; cycloalkyl = 3-7C cycloalkyl; aryl = optionally mono- to penta-substituted phenyl or benzyl; n = 0-2; and n' = 0-3.

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